

X. *Descriptions of Twenty new species of Buprestidæ.*

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THE following are characters of twenty new species of *Buprestidæ*, belonging to various genera of that family. I feel that a string of descriptions of unallied species is always unsatisfactory; but I have endeavoured to make it as useful as possible, by stating the known species to which each of those herein described is allied, and also by giving the distinguishing characters, where the species are closely related to each other.

The new species are:—

<i>Amblysterna subvittata</i>	.	.	Zambesi.
<i>Chrysochroa Brownii</i>	.	.	Ceylon.
„ <i>punctatissima</i>	.	.	East Indies.
<i>Philochteanus igneiceps</i>	.	.	Burmah.
<i>Chryaspis auricauda</i>	.	.	Cape Palmas.
<i>Steraspis Welwitschii</i>	.	.	Loando.
<i>Cyria elateroides</i>	.	.	Swan River.
<i>Chalcoteenia Ajax</i>	.	.	Queensland.
„ <i>quadrisignata</i>	.	.	„
„ <i>superba</i>	.	.	Nicol Bay.
„ <i>Martini</i>	.	.	N. W. Australia.
„ <i>australasiæ</i>	.	.	„
<i>Paracupta tibialis</i>	.	.	Fiji Islands.
<i>Halecia maculicollis</i>	.	.	Brazil.
<i>Conognatha Badenii</i>	.	.	Nov. Fribourg.
„ <i>Rogersii</i>	.	.	Minas Geraes.
„ <i>paranaensis</i>	.	.	Parana.
<i>Stigmodera rubricauda</i>	.	.	Queensland.
„ <i>unicincta</i>	.	.	Adelaide.
„ <i>Duboulayi</i>	.	.	Nicol Bay.

Amblysterna subvittata, n. sp.

Convexa, ænea, capite rugoso-punctato, medio carinato. Thorace fortiter punctato, basi lobato. Elytris rugose et

irregulariter punctatis, utrinque prope suturam maculis septem albido-sericeis ornatis in forma vittæ disponendis, et in marginibus lateralibus maculis 10-12 notatis. Subtus rugoso-punctata, albido-sericea.

Bronzy. Elytra with seven spots on each, near the suture, and about ten or twelve on each lateral margin, and the underside covered with gray sericeous pubescence.

Head rugosely punctured, carinated down the centre. Thorax with the anterior margin much rounded, sides slightly compressed, base deeply bisinuate; disc very convex, closely and somewhat rugosely punctured. Elytra rugosely and irregularly punctured, considerably wider than the thorax at their base, sides gradually converging to the apices, each of which has three teeth, two very small and close together, at the suture, and one some little way up the lateral margin. Beneath, legs, and antennæ rugosely punctured, the former covered with sericeous gray pubescence.

Length $8\frac{1}{2}$ lin.; breadth 4 lin.

Hab.—Zambesi.

Should follow *vittipennis*, Bohem., from which it differs in its longer and more compressed thorax, the wide irregular band on its elytra, and by the small lateral spots, &c.

Chrysochroa Brownii, n. sp.

Viridi splendens. Capite inter oculos excavato, rugoso. Thorace fortiter punctato, linea dorsali et postice subcuprea. Elytris punctatis, utrinque lineis quatuor subelevatis, et vitta lata subcuprea ornatis, apicibus unidentatis. Subtus, cupreo-viridis, subpunctata. Antennis pedibusque cupreis.

Head green. Thorax green in front, especially at the angles, with the dorsal line and the base somewhat coppery. Elytra green, with the disc of each widely coppery. Beneath golden-green. Antennæ and legs cupreous.

Head punctured, with a raised line on the vertex, excavated between the eyes, and rugose. Thorax deeply punctured, rugosely on the sides, anterior margin somewhat raised and smooth, sides rounded, base smooth, with a shallow median lobe. Elytra much wider at the shoulders than the thorax, sides gradually rounded, apex of each unidentate, surface punctured, each elytron with

four slightly raised lines. Beneath, with a few scattered punctures down the middle, sides covered with very short gray hairs.

Length 16 lin.; breadth $3\frac{1}{2}$ lin.

Hab.—Ceylon.

Should follow *mutabilis*, Oliv., from the var. *marginata*, L. & G., of which it differs in the long trapezoidal thorax without impressions, the general colour, and the absence of the coppery margins to the elytra. I have named the above in honour of Mr. Edwin Brown, who very kindly presented me with the specimen described.

Chrysochroa punctatissima, n. sp.

Viridis, confertissime punctata; capite inter oculos rugoso et excavato. Thorace brevi, lateribus subrotundatis, basi lobato, linea dorsali lævi vix elevata. Elytris utrinque lineis duabus subelevatis, apicibus denticulatis, cupreis. Subtus aureo-viridis, punctata, lateribus aureo-sericeis; tarsis aureis; antennis nigris.

Bright green, apex of elytra very narrowly coppery. Beneath, golden-green, tarsi golden, antennæ black.

Head, punctured on the vertex, excavated and rugose between the eyes. Thorax short, anterior margin nearly straight, sides slightly rounded, base with a shallow median lobe. Surface very finely and closely punctured, the punctures becoming confluent on the sides, dorsal line narrow, smooth, and slightly raised. Elytra much wider than the thorax at the shoulders, very finely, regularly, and closely punctured, the punctures less distinct and further apart about the region of the scutellum; sides gradually rounded, apex denticulate; on each elytron below the middle two faintly marked raised lines may be observed. Beneath, and legs, punctured; sides covered with golden sericeous pubescence.

Length $17\frac{1}{2}$ lin.; breadth 6 lin.

Hab.—East Indies.

Allied to *ignita*, Linn., after which it should be placed. It differs in its shorter form, more convex thorax, its uniform green upper surface, and its duller appearance, caused by the elytra being punctured closely all over instead of being nearly impunctate at the base, besides minor characters.

Philochteanus igneiceps, n. sp.

Capite igneo-cupreo, fronte profunde impresso, vertice aureâ, punctatâ. Thorace aureo-viridi, præsertim in lateribus punctato, utrinque impressione rotundato notato, linea dorsali lævi subelevata, margine antice elevato, lateribus rotundatis, basi recta. Elytris viridibus, punctato-striatis, lineis tribus elevatis, lateribus sub humeros sinuatis, apicibus denticulatis. Subtus aureo-cuprea, punctata; prosterno cupreo; pedibus viridibus.

Head, coppery-red, golden on the vertex. Thorax golden-green, elytra green; beneath, coppery-golden, prosternum coppery, legs green.

Head punctured, with a deep narrow slit just below the vertex. Thorax with the anterior margin raised, sides diverging in almost straight lines to about the middle, then subangulate, whence nearly straight to the base; base straight; surface punctured, punctures on the sides confluent; between the punctures may be perceived a much finer punctuation; dorsal line smooth and slightly raised on each side, between it and the lateral margin is an ovate punctured fovea. Elytra punctate-striate, smooth about the region of the scutellum, on each may be perceived three slightly raised lines; sides sinuate and impressed below the shoulders, apex denticulate, terminating in a sharp tooth. Beneath punctured, sides covered with very short silky hairs.

Length 15 lin.; breadth 5 lin.

Hab.—Burmah.

Should be placed in front of *rubro-aureus*, De Geer.

Chryaspis auricauda, n. sp.

Obscure ænea, capite inter oculos excavato. Thorace marginibus lateralibus reflexis, aureo-viridibus; disco punctato, linea dorsali sublævi, lateribus subrugosis. Elytris rugoso-punctatis, striatis, lateribus prope humeris bi-angulatis, viridibus; apice late aureo, denticulato. Subtus aurea, punctata; tibiis tarsisque viridibus.

Head and thorax dull bronzy black, the latter with the reflexed lateral margins green. Elytra bronzy, punctures green; sides behind the shoulders green, apex widely

golden, the colour extending some distance up the suture and the sides. Beneath golden; tibiæ and tarsi of the front two pairs of legs, and tarsi only of the last, green.

Head, excavated between the eyes, punctured, with a very narrow deeply impressed line down the middle. Thorax, anterior margin raised, nearly straight, its angles much depressed, lateral margins reflexed, somewhat rounded, base slightly bisinuate, surface punctured, the punctures larger and confluent on the sides; dorsal line smooth, disc flat, raised in a triangular form. Elytra widest at the shoulders, largely and irregularly punctate-striate, the punctures finer near the apex, lateral margins reflexed, with two well-marked angles on each below the shoulder, then gradually converging to the apex, which is denticulate. Beneath, punctured, sides covered with short golden hairs.

Length 18 lin.; breadth 6 lin.

Hab.—Cape Palmas.

Should follow *viridipennis*, Saund.

Steraspis Welwitschii, n. sp.

Caput inter oculos excavatum, rugose punctatum. Thorax rugose punctatus, fusco-cupreus, lateribus antice viridibus, margine anteriore elevatâ lateribus rotundatis. Elytra regulariter punctato-striata, utrinque vitta lata cupreâ ornata, sutura, base, marginibusque viridibus. Subtus cuprea, albido-pubescentis.

Head dull green, with coppery-brown reflections. Thorax coppery on the disc, green on the anterior margin, and on the sides in front. Elytra coppery; base, suture, and sides green; beneath coppery.

Head excavated between the eyes, and rugosely punctured. Thorax with the anterior margin raised, sides rounded, slightly raised and smooth, base shallowly and triangularly lobed; surface irregularly punctured, the punctures confluent at the sides so as to make them rugose; dorsal line indicated by a triangular smooth space on the base and the anterior margin. Elytra regularly and closely punctured in lines, the interstices at the sides and apex also very finely and closely punctured; sides with two angles near the shoulder, the lower

one the more prominent, sinuate between them, gradually rounded to the apex, which is denticulated. Beneath, and legs, punctured; punctuation on the sides of the abdomen very fine, these are also covered with a fine white pubescence; prosternum smooth in the centre, largely punctured on the sides.

Length 20 lin.; breadth 7 lin.

Hab.—Loando.

Captured by Dr. Welwitsch, to whom I have pleasure in dedicating it.

Cyria elateroides, n. sp.

Nigra, nitida, capite fortiter punctato-lanuginoso, vertice inter oculos, canaliculato breviter carinato. Thorace fortiter punctato, lateribus flavis, utrinque bi-impressis, basi lobato, supra scutellum foveolato. Elytris punctato-striatis, lateribus vittaque abbreviata flavis, apicibus unidentatis. Subtus albo-pubescens.

Black, sides of the thorax and of the elytra, and a vitta on each of the latter, extending from the shoulder to about three-quarters of their entire length, gradually narrowing towards the apex, flavous.

Head punctured, with a narrow furrow on the vertex, and a short carina between the eyes. Thorax elongate, anterior margin raised, produced in the middle; apex widely truncate, sides rounded, posterior angles acute, base bisinuate; surface largely and deeply punctured with a smooth dorsal line; near each margin are two foveæ, a very small round one close to the posterior angle, and a larger oval one above it; there is also a small round impression above the scutellum. Elytra twice and a-quarter as long as wide, remotely punctured, and punctate-striate; sides sinuate below the shoulders, apex of each terminating in a sharp point. Beneath and legs punctured, covered with gray hairs.

Length 9 lin.; breadth 3 lin.

Hab.—Swan River.

In colour, resembling *vittigera*, Hope, but very different in shape and the style of the markings; should follow that species.

Chalcotænia Ajax, n. sp. Pl. VI. fig. 8.

Viridis, capite inter oculos impresso, rugoso. Thorace rugoso, margine anteriore in medio et in angulis producta, lateribus ante medium angulatis deinde subrectis ad angulos, base recta. Elytris striatis, interstitiis subrugosis, lateribus sub humeros sinuatis, postice denticulatis, utrinque duabus foveis rotundatis, lineaque impressa prope apicem pubescente subflavo repletis. Subtus rugosa, flavo-varia.

Green, raised portions subcyaneous. Elytra with two round spots on each, and an elongate impression near the apex, filled with yellowish pubescence. Beneath, between the rugosities, yellow, pubescent. Antennæ dark brown.

Head rugose, impressed between the eyes. Thorax with the anterior margin roundly produced in the middle, and at the angles; sides angulate above the middle, then almost straight to the base, which is straight; surface punctured, covered with irregular rugosities, near each posterior angle is a somewhat indefinite fovea. Elytra deeply striated, striæ somewhat irregular and rugose at the sides; on each elytron there are two round foveæ, one above, the other below the middle, and an impressed line subparallel to the margin near the apex; sides sinuate below the shoulders, posteriorly denticulate, denticulations very fine at the apex. Beneath and legs punctured, rugose, especially at the sides.

Length 21 lin.; breadth 6 lin.

Hab.—Queensland.

Should precede *quadrisignata*.

Chalcotænia quadrisignata, n. sp. Pl. VI. fig. 4.

Capite thoraceque viridibus, flavo-variis, hoc rugoso, lineâ dorsali elevata; elytris viridi-cyaneis, rugosis, utrinque foveis duabus maculaque elongata laterali, flavo pubescentibus. Subtus rugosa, flavo-varia.

Head and thorax bright green, the rugosities cyaneous, the depressed portions pubescent and yellow. Elytra dull cyaneous, punctures green, two round foveæ on each, and an elongate impression on each posterior margin, filled with yellow pubescence. Beneath and legs variegated with yellow pubescence. Antennæ, first joint bright green, the rest dull brown.

Head rugose, channelled between the eyes. Thorax slightly produced in the middle, and at the angles of the anterior margin, which is a little more than half as wide as the base; sides rounded, base nearly straight; surface rugose, especially at the sides, dorsal line wide, and slightly but irregularly raised. Elytra wider than the thorax, lateral margin below the shoulder with a sharp angle, thence almost straight to about the middle, from which it gradually curves to the apex, which is sharply pointed, posterior margin denticulate; surface finely rugose, the rugosities appearing to be arranged in lines; a slight depression at the base, a large round fovea on the disc above the middle, a smaller one midway between it and the apex, and a longitudinal impressed streak on the posterior margin, pubescent and yellow. Beneath rugose, the impressed portions covered with yellow pubescence; legs punctured.

Length 11 lin.; breadth 5 lin.

Hab.—Queensland.

Should follow *Ajax*, Saund.

Chalcotaenia superba, n. sp. Pl. VI. fig. 2.

Viridis capite excavato. Thorace irregulariter punctato linea dorsali triangulariter elevatâ. Elytris minutissime punctatis, costis quatuor lævibus, cyaneis; lateribus post medium rotundatis, postice denticulatis. Subtus rugosa, antennis subnigris.

Bright green; rugosities of the thorax and the raised lines of the elytra cyaneous; antennæ pale brown; head with two elevated lines between the eyes, joined at the posterior margin, rugose and excavated between them. Thorax; anterior margin emarginate, sides slightly rounded in front, thence almost straight to the base, which is nearly twice as wide as the anterior margin and straight; surface finely punctured with numerous smooth irregular elevations, disc with a raised, smooth, somewhat triangular dorsal line, wide at the base, where it is met by a round puncture. Scutellum, very small, nearly square. Elytra much wider at the shoulders than the thorax, very slightly sinuate above the middle, thence gradually rounded to the apex, which is simply pointed, posterior margin finely denticulate; surface very finely punctured; suture and four curved lines on each elytron,

raised and smooth, of these the second is the longest, almost touching the apex, the third is very short, and unites with the fourth near the shoulder. Beneath punctured, rugose at the apex of each abdominal segment; legs punctured.

Length 18 lin.; breadth $7\frac{1}{2}$ lin.

This species should follow *gigas*, Hope, from which its greater width, and the different character of the rugosities of the thorax, the wide dorsal line, &c., easily distinguish it.

Hab.—Nicol Bay, W. Australia.

Chalcotania Martinii, n. sp.

Aureo-viridis. Thorace sparse punctato, lateribus rugosis, lineâ dorsali postice impressâ, antice elevatâ. Elytris punctatis, sutura, lineisque quatuor, lævibus, cyaneis, secundâ interruptâ; lateribus postice denticulatis. Subtus subrugosa; pedibus punctatis, capillis cinereis obsita.

Golden green, raised portions of the thorax and elytra cyaneous. Antennæ testaceous, first joint coppery.

Head punctured, with a somewhat circular impression between the eyes, which is furrowed down the middle. Thorax with the anterior margin nearly straight, sides and base slightly rounded, posterior angles acute; surface smooth on the disc, with remote punctures, rugose and depressed at the sides and posterior angles; dorsal line impressed, except in front, where it is slightly raised. Elytra slightly wider than the thorax: sides sinuate above the middle, rounded and denticulate posteriorly; surface closely punctured, each elytron with the suture and four raised lines smooth, of these the second and third are abbreviated, the third being the shortest, and the second being interrupted about a third of the entire length of the elytra from the base; this last character will probably be variable. Beneath and legs punctured, in some places rugosely, and covered with very short silvery hairs.

Length 12 lin.; breadth 4 lin.

Hab.—N. W. Australia.

This species should precede *gigas*, Hope.

Chalcotenia australasie, n. sp. Pl. VI. fig. 6.

Viridis, capite excavato. Thorace punctato, lateribus impressis, rugosis, flavo-tomentosis. Elytris costatis, costis apiceque cyaneis, interstitiis impressionibus duabusque discalibus flavo-tomentosis. Subtus rugoso-punctata.

Green; raised portions of thorax and elytra, and the apex of the latter cyaneous, depressions filled with a yellow powdery pubescence.

Head deeply excavated between the eyes and rugosely punctured. Thorax with the anterior margin nearly straight, sides rounded in front, nearly straight and subparallel behind; base with a wide, slightly rounded, central lobe; surface rugosely punctured, dorsal line impressed; sides each with an oblong rugose impression, extending from the base to the anterior angles, filled with yellow pubescence. Elytra wider than the thorax, sides slightly sinuate above the middle, sharply and finely denticulate posteriorly. Surface rugosely punctured, each elytron with the suture, and four lines considerably raised, between these, near the base, are narrower raised lines, which are very irregular and abbreviated. There are two irregular impressions on each elytron, one of a somewhat triangular shape above the middle, the other narrow and transverse, midway between it and the apex. These impressions and the spaces between the costæ are filled with yellow pubescence. Beneath and legs rugosely punctured, covered with yellow pubescence.

Length 11 lin.; breadth 4 lin.

Hab.—N. W. Australia.

Should follow *superba*, Hope.

Paracupta tibialis, n. sp.

Caput aureum, transverse rugosum, lineâ dorsali foveâque utrinque impressum. Thorax viridis, aureo-micans. Elytra viridia, lateribus læte cupreis; punctato-striato, marginibus postice denticulatis. Subtus aureo-viridis, punctata; femoribus viridibus; tibiis basis viridibus, apicibus flavis; tarsis antennisque flavis.

Head golden. Thorax green, the sides with golden reflections. Elytra green, with a wide band on

each margin golden-coppery. Beneath golden green; abdominal segments each with two round lateral foveæ, filled with yellow pubescence. Femora green; tibiæ green at their base; apices of these, tarsi and antennæ flavous, claws golden-coppery.

Head rugose, channelled in front. Thorax transversely rugose; anterior margin emarginate, sides nearly straight, posterior angles acute, base rounded, dorsal line impressed, sides with a rugose fovea on each near the hind angles. Elytra wider than the thorax, deeply punctate-striate, sides sinuate below the shoulders, thence attenuated to the apex, posteriorly deeply denticulate. Beneath and legs punctured, sides of the abdominal segments foveated and pubescent.

Length 13 lin.; breadth 5 lin.

Hab.—Owahan Island, Fiji.

Should follow *Louisa*, White, to which it bears some superficial resemblance.

Halecia maculicollis, n. sp.

Viridis. Capite inter oculos impresso-punctato. Thorace punctato, margine anteriori subrectâ, lateribus post medium productis et rotundatis, angulis posticis subrectis base bisinuatâ, disco maculis duabus cyaneis lævibus ornato, lineâ dorsali impressâ, lateribus etiam utrinque maculis duabus rotundatis, lævibus, notatis. Elytris vermiculato-rugosis, apice attenuata, marginibus posticis denticulatis. Subtus punctata, viridi-cuprea; pedibus igneo-nitentibus.

Green. Thorax with three round spots on each side, viz.: one on the disc, and two on each lateral margin, cyaneous. Elytra with its raised portions cyaneous. Beneath coppery-green; tarsi fiery copper-colour.

Head punctured, impressed between the eyes. Thorax punctured; anterior margin slightly produced in the middle and at the angles, sides produced in a rounded lobe below the middle, posterior angles almost right angles; base with a shallow rounded median lobe, dorsal line impressed; the cyaneous spots on the thorax are marked with only a few large scattered punctures. Elytra longitudinally vermiculate, sides sinuate below the shoulders, posterior margins denticulate, apex attenuated, extreme tip rounded. Beneath and legs punctured.

Length 12 lin.; breadth 5 lin.

Hab.—Brazils.

Conognatha Badenii, n. sp. Pl. VI. fig. 1.

Capite thoraceque cyaneo-nigris, punctatis. Elytris pallido-flavis, maculâ reniforme sub scutellum, duabus rotundatis humeralibus, fasciâ latâ post medium, apiceque cyaneo-nigris; lateribus postice denticulatis. Subtus cyaneo-nigra, punctata.

Head and thorax cyaneous-black. Scutellum cyaneous. Elytra yellowish-white, a somewhat heart-shaped spot on the suture below the scutellum, a round one behind each shoulder, a broad fascia behind the middle, and the apex cyaneous-black. Beneath cyaneous.

Head punctured, crown with an impressed line. Thorax; anterior margin slightly produced, sides rounded until just above the posterior angles which are produced and rounded, base nearly straight; surface punctured, dorsal line in front, a small round fovea above the scutellum, and one at each posterior angle, slightly impressed. Elytra very finely punctate-striate, once and three-quarters as long as wide, sides subparallel, margin somewhat reflexed and denticulate posteriorly, apex of each emarginate. Beneath, legs and antennæ punctured.

Length $10\frac{1}{2}$ lin.; breadth $4\frac{1}{2}$ lin.

Hab.—Nov. Fribourg; kindly given me by Dr. Baden of Altona, after whom I have pleasure in naming it.

Should precede *patricia*, Klug.

Conognatha Rogersii, n. sp. Pl. VI. fig. 9.

Caput thoraxque ænei punctati, hic medio et in augulis posticis impressus. Elytra punctato-striata, testacea, maculis tribus prope basin duabusque subapicalibus æneis; lateribus postice denticulatis. Subtus ænea, cinereo-pubescentis.

Head, thorax and scutellum æneous. Elytra testaceous, with an elongate sutural spot below the scutellum, a round one below each shoulder, and a somewhat triangular one on each, some way above the apex, æneous. Beneath æneous.

Head strongly punctured. Thorax with the anterior margin raised and produced; sides slightly rounded, base lobed in the middle; surface deeply punctured, disc widely depressed posteriorly, the hinder angles foveated.

Elytra punctate-striate, sides sinuate below the shoulders, denticulate posteriorly, apex of each bispinose. Beneath finely punctured, sides covered with longish gray pubescence.

Length $10\frac{1}{2}$ lin.; breadth 4 lin.

Hab.—Minas Geraes, Brazil; captured by Mr. Rogers.

Should precede *paranaensis*, Saund.

Conognatha paranaensis, n. sp. Pl. VI. fig. 3.

Caput cyaneum, punctatum. Thorax cyaneo-niger, punctatus; lateribus rectis, in angulis posterioribus foveatis. Elytra testacea, punctato-striata, suturâ post scutellum marginibus post humeros, fasciis duabus latis post medium, apiceque, cyaneo-nigris, lateribus postice denticulatis. Subtus cyanea; abdominis segmentis tribus posticis testaceis.

Head cyaneous. Thorax cyaneous-black. Elytra testaceous, with the suture for a third of their entire length from the base, the lateral margins from behind the shoulders, two wide flexuous bands behind the middle, and the apex, cyaneous-black. Beneath, legs, and antennæ cyaneous, three apical segments of abdomen testaceous.

Head deeply punctured, impressed above the mouth, the punctures smaller and closer together down the middle. Thorax: anterior margin raised and slightly produced, sides straight, posterior angles acute, base with a rounded median lobe; surface punctured, dorsal line indicated by two slight punctured impressions above the scutellum, and a small raised smooth space on the anterior margin; posterior angles foveated and punctured. Elytra punctate-striate, sides sinuate above the middle, posteriorly denticulate, apex of each elytron bidentate. Beneath and legs punctured, with a few scattered grayish hairs.

Length $10\frac{1}{2}$ lin.; breadth 4 lin.

Hab.—Parana.

This species should precede *posticalis*, Saund. I have a second specimen scarcely more than half the size of the one described.

Stigmodera rubricauda, n. sp.

Capite nigro, punctato, hirsuto, inter oculos impresso. Thorace nigro, punctato, convexo, lateribus rotundatis, linea dorsali lævi. Elytris punctato-striatis, flavis, postice sanguineis, base extrema, apice, suturaque post medium, nigris. Subtus viridi-ænea; abdomine flavo, punctato.

Head, thorax and scutellum black. Elytra testaceous, sanguineous about the apex, which itself is narrowly black, this colour extending along the suture to beyond the middle. The base also is narrowly margined with black. Beneath of thorax, breast and legs, bronzy-green; abdomen flavous.

Head covered with rather long recurved hairs, punctured, impressed between the eyes. Thorax with the anterior margin slightly raised and produced in the middle, sides rounded, base widely and shallowly lobed, very deeply sinuate near each angle. Surface largely and deeply punctured, disc with a somewhat raised smooth dorsal line; there is a very small round fovea just above each of the basal sinuations. Elytra punctate-striate, twice as long as wide, sides subparallel till beyond the middle, rounded posteriorly to the apex, which is bluntly pointed. Beneath and legs punctured.

Length 9 lin.; breadth $3\frac{1}{4}$ lin.

Hab.—Queensland.

Should precede *Yarrellii*, L. & G.

Stigmodera uncinata, n. sp. Pl. VI. fig. 7.

Caput viride, hirsutum, inter oculos impressum, punctatum. Thorax viridis, punctatus, convexus, margine anteriore elevatâ, lateribus rotundatis late flavis, base subrectâ lineâ dorsali impressâ. Elytra punctato-striata flava, fasciâ post medium apiceque cyaneis; lateribus sub humeros sinuatis, apicibus rotundatis. Subtus cyaneo-viridis, punctata; abdominis apice flavâ.

Head and thorax green, the latter with the sides widely flavous, especially at the base. Elytra flavous, with their extreme base, a rather narrow band behind the middle, and the apex, cyaneous. The colour of the apex joins the band along the lateral margin. Beneath,

legs, and antennæ greenish blue, the last segment of the abdomen entirely, the two next, with the exception of their hinder margins, and a spot on each side of the first, flavous.

Head punctured, impressed between the eyes, covered with recurved grey hairs. Thorax convex, punctured, with an impressed dorsal line; anterior margin raised; sides much rounded, base nearly straight. Elytra punctate-striate, very slightly broader than the thorax; sides sinuate below the shoulders; apex rounded. Beneath and legs punctured, covered with grayish hairs.

Length $8\frac{1}{2}$ lin.; breadth $3\frac{1}{4}$ lin.

Hab.—Adelaide.

Should follow *Yarrellii*, L. & G.

Stigmodera Duboulayi, n. sp. Pl. VI. fig. 5.

Caput aureo-viride. Thorax roseo-cupreus, nitidus, punctatus; lateribus flavis. Scutellum æneum. Elytra striata-punctata, flava, base viride, fasciâ abbreviatâ sub humeros, fasciâ latâ infra medium, apiceque late cyaneis. Subtus punctata, flava; prosterno pectorisque medio cupreis; pedibus, marginibusque posticis abdominis viridibus.

Head golden green. Thorax rosy copper colour, with a greenish tint in front; sides, from the anterior margin almost to the base flavous. Scutellum bronzy. Elytra flavous, base narrowly dark green, with an abbreviated band on each below the base, much narrowed at the lateral margin, and produced in its upper corner towards the suture, a broad band suddenly widening at the margins below the middle, and the apex widely, cyaneous. Beneath flavous, prosternum and the middle of the breast coppery. Antennæ, legs, a spot on the first abdominal segment, and the posterior margins of the three next, green.

Head elongate, pointed, punctured, with an impressed line on the vertex. Thorax shining, finely punctured; anterior margin produced in the middle and at the angles; sides rounded, base very slightly bisinuate, a little more than twice as broad as the anterior margin; disc with a very faint dorsal line. Elytra finely punctured, regularly

and deeply striated, a little wider at their base than the thorax; sides sinuate below the shoulders, apex of each widely truncate and bidentate. Beneath and legs punctured; prosternum much rounded, having a swollen appearance.

Length 17 lin.; breadth 7 lin.

Hab.—Nicol Bay, W. Australia.

This lovely species is named after its discoverer, from whom I obtained it, and should follow *Spencii*, L. & G.

Explanation of Plate VI.

- Fig. 1. *Conognatha Badenii*.
2. *Chalcotænia superba*.
3. *Conognatha paranaensis*.
4. *Chalcotænia quadrisignata*.
5. *Stigmodera Duboulayi*.
6. *Chalcotænia australasix*.
7. *Stigmodera uncinata*.
8. *Chalcotænia Ajax*.
9. *Conognatha Rogersii*.
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